WHAT IS CLAIMED IS:

1. An engine controller for a vehicle using an automatic centrifugal clutch device for power transmission, wherein an idle speed control means is provided for an engine intake system that adjusts the amount of intake air by implementing control of the opening degree of a throttle valve, the engine controller comprising:

a full-close state detecting means for detecting the full-close state of the throttle valve;

an engine speed detecting means for detecting the engine speed; and

an engine halt controlling means for implementing engine halt control based on the halt control starting conditions that the detected engine speed is equal to or greater than a first set rotational frequency, which is set to be equal to or lower than the clutch engagement rotational frequency of the automatic centrifugal clutch device, and that the full-closed state of the throttle valve is detected.

2. The engine controller for a vehicle having an automatic centrifugal clutch according to Claim 1, wherein the engine halt controlling means is adapted to start engine halt control taking a delay time from the fulfillment of the halt conditions, and the delay time is set depending on the engine speed or is set to be longer when the vehicle travels at a high speed above a predetermined level or at high engine speeds, than

when the vehicle travels at a low speed below a predetermined level or at low engine speeds.

3. The engine controller for a vehicle having an automatic centrifugal clutch according to Claim 1, wherein the engine halt controlling means is adapted to restrain engine halt control when the engine speed is equal to or greater than a second set rotational frequency which is equal to or higher than the first set rotational frequency.

4. The engine controller for a vehicle having an automatic centrifugal clutch according to Claim 1, further comprising:

an engine restoration control means which makes control of restoring the engine operating state by stopping engine halt control, which has been performed by the engine halt controlling means based on the fulfillment of halt conditions, with the condition that the full close state of the throttle valve is released or with the condition that the engine speed becomes equal to or lower than a third set rotational frequency which is equal to or lower than the first set rotational frequency.

5. The engine controller for a vehicle having an automatic centrifugal clutch according to Claim 1, wherein the engine halt controlling means implements engine halt control by cutting off fuel supply to the engine or by cutting off ignition of the engine.